



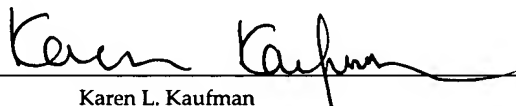
IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Oliver et al.  
APPLICATION NO.: 10/776,677  
FILED: February 10, 2004  
TITLE: Message Classification  
EXAMINER: Unknown  
GROUP ART UNIT: 2141  
ATTY.DKT.NO.: PA3630US

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Karen L. Kaufman

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INFORMATION DISCLOSURE STATEMENT  
Under 37 C.F.R. §§ 1.56, and 1.97-1.98

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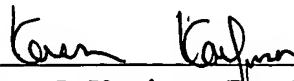
Pursuant to the provisions of 37 C.F.R. §§ 1.56 and 1.97-98 of the Rules of Practice in Patent Cases, enclosed herewith is form PTO-SB-08, listing several references. Copies of the foreign and non-patent references are enclosed.

The Examiner is requested to make these references of official record in the application. The references cited may be material to examination of the application and are submitted in compliance with Applicants' duty of disclosure as defined by 37 C.F.R. § 1.56.

No representation is made or intended as to the completeness of this list, nor is the inclusion of any reference on this list an admission that it is prior art or pertinent to this application. No fee is due with this submission.

Respectfully submitted,  
Jonathan Oliver et al.

July 26, 2006

By:   
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 5

**Complete if Known**

Application Number	10/776,677
Filing Date	February 10, 2004
First Named Inventor	Oliver
Art Unit	2141
Examiner Name	Unknown
Attorney Docket Number	PA3630US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 6,941,466	09-06-2005	Mastrianni	
		US- 2006/0015942	01-19-2006	Judge et al.	
		US- 2004/0267886	12-30-2004	Malik	
		US- 7,039,954	05-02-2006	Lingafelt et al.	
		US- 7,024,458	04-04-2006	Chan et al.	
		US- 2004/0236838	11-25-2004	Tout	
		US- 2006/0021055	01-26-2006	Judge et al.	
		US-			
		US- 6,112,227	08-29-2000	Heiner	
		US- 6,199,102	03-06-2001	Cobb	
		US- 2005/0055410	03-10-2005	Landsman et al.	
		US- 2005/0125667	06-09-2005	Sullivan et al.	
		US- 2004/0024639	02-05-2004	Goldman	
		US- 2003/0233418	12-18-2003	Goldman	
		US- 2004/0158554	08-12-2004	Trottman	
		US- 6,941,348	09-06-2005	Petry et al.	
		US- 6,650,890	11-18-2003	Irlam et al.	
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 2005/048033	05-26-2005	Yahoo! Inc.		
		WO 99/33188	07-01-1999	Bright Light Technologies, Inc.		
		JP 2005-208780	08-04-2005	NEC Corp.		
		GB 2 366 706	03-13-2002	Content Technologies Limited		
		WO 01/53965	07-26-2001	Odyssey Development Pty Ltd		
		WO 01/16695	03-08-2001	Katsikas		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	5
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**Complete if Known**

Application Number	10/776,677
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Attorney Docket Number	PA3630US

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> ~Number <sup>4</sup> ~Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
		WO 02/19069	03-07-2002	Content Technologies Limited		
		WO 2005/041504	05-06-2005	WEB.DE AG		
		JP 2000-163341	06-16-2000	NEC Corp.		
		JP 2003-087327	03-20-2003	Sharp Corp.		
		JP 2003-125004	04-25-2003	NEC Corp.		
		JP 2004-240945	08-26-2004	DeepSoft Co.		

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		JP 2004-362559	12-24-2004	Microsoft Corp.		
		JP 2005-128922	05-19-2005	NEC Software Kyushu Ltd		
		JP 2005-135024	05-26-2005	Ando		

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Sheet	4	of	5	Attorney Docket Number	PA3630US

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		DWORK, Cynthia, et al. "Pricing via Processing or Combating Junk Mail," CRYPTO '92, Springer-Verlag LNCS 740, pp. 139-147, 1992.		
		VON AHN, Luis, et al., "Telling Humans and Computers Apart (Automatically) or How Lazy Cryptographers do AI," Communications to the ACM, February 2004.		
		SKOLL, David F., "How to Make Sure a Human is Sending You Mail," Google Groups Thread (Nov. 17, 1996).		
		BYRNE, Julian, "My Spamblock," Google Groups Thread (Jan. 19, 1997).		
		GUILMETTE, Ronald F., "To Mung or Not to Mung," Google Groups Thread (July 24, 1997).		
		TEMPLETON, Brad, "Viking-12 Junk E-Mail Blocker," (believed to have last been updated July 15, 2003).		
		"Majordomo FAQ," October 20, 2001.		
		LANGBERG, Mike, "Spam Foe Needs Filter of Himself," (Email Thread Dated April 5, 2003).		
		MCCULLAGH, Declan, "In-Boxes that Fight Back," News.com, May 19, 2003.		

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		CRANOR, Lorrie, et al., "Spam!," Communications of the ACM, Volume 41, Issue 8, pp. 74-83, August 1998.		
		JUNG, Jaeyeon, et al., "An Empirical Study of Spam Traffic and the Use of DNS Black Lists," IMC'04, Taormina, Sicily, Italy, October 25-27, 2004.		
		"SMTP+SPF: Sender Policy Framework," Edited June 22, 2004.		
		WEINSTEIN, Lauren, "Spam Wars," Communications of the ACM, Volume 46, Issue 8, p. 136, August 2003.		
		GOMES, Luiz, et al., "Characterizing a Spam Traffic," in the Proc. of the 4th ACM SIGCOMM Conference on Internet Measurement, Sicily, Italy, pp. 356-369, 2004.		
		MCWILLIAMS, BRIAN, "Cloaking Device Made for Spammers," Wired News, October 9, 2003.		
		GABRILOVICH et al., "The Homograph Attack", Communications of the ACM, 45(2):128, February 2002.		
		KIRDA et al., "Protecting Users Against Phishing Attacks with AntiPhish," IEEE Proc. of the 29th Ann. Int'l Comp. Software and App. Conference, 2005.		
		MERWE et al., "Characteristics and Responsibilities Involved in a Phishing Attack," 2005.		
		"FBI Says Web 'Spoofing' Scams are a Growing Problem," Federal Bureau of Investigation Press Release, July 21, 2003.		

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